Philips 3000 series
LCD TV with Digital Crystal Clear

22"
HD Ready digital TV

22PFL3404D

Clearly a smart choice

With easy-to-use and future-proof technology

Experience great picture and sound quality with this HD 1366 x 768p display. So easy to enjoy, with high quality standard, you can be sure that you make the right choice with this Philips Flat TV.

Vivid and razor sharp pictures
- Digital Crystal Clear for detail depth and clarity
- HD LCD display, with a 1366 x 768p resolution
- 28.9 billion colours for brilliant natural images
- Active Control optimises picture quality whatever the source

Crisp and Clear sound
- Incredible Surround for enhanced audio enjoyment
- 2 x 5 W RMS audio power

Easy to connect and enjoy
- Enjoy photo and music playback via USB
- 1 HDMI input with Easylink for a full HD connection
- PC-input allows you to use your TV as a PC monitor
- Smart Picture and Smart Sound to personalise your viewing

Ready for the future
- Integrated Digital Tuner for DVB-T reception

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PHILIPS
sense and simplicity

Highlights

Digital Crystal Clear

Digital Crystal Clear is a package of picture innovations that digitally adjusts and optimises picture quality to optimal contrast, colour and sharpness levels. It's like watching vivid cinema-like images.

LCD display, 1366 x 768p

This WXGA display with state-of-the-art LCD screen technology gives you widescreen HD resolution of 1366 x 768p pixels. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colours. This vibrant and sharp image will provide you with an enhanced viewing experience.

28.9 billion colours

Vibrant and natural images from the most advanced colour processing. The 3 colour channels (RGB) are optimised using 10-bit resolution, a total processing power of 28.9 billion colours. It produces vibrant colours while retaining excellent sharpness. The advanced algorithms detect subtle colour shades and skin tones and process them to give the most natural colours.

Incredible Surround

Incredible Surround is an audio technology from Philips that dramatically magnifies the sound field to immerse you in the audio. Using state-of-the-art electronic phase shifting, Incredible Surround mixes sounds from left and right in such a way that it expands the virtual distance between the two speakers. This wider spread greatly enhances the stereo effect and creates a more natural sound dimension. Incredible Surround allows you to experience total surround with greater depth and width of sound, without the use of additional speakers.

USB for photo and music playback

The USB connector allows access to jpeg photos and mp3 music of most USB-sticks (USB memory-class device). Plug the USB into the slot at the side of the TV and access your photos or music files using the easy onscreen content browser. You can now easily view and share your photos and music.

1 HDMI input with EasyLink

EasyLink uses the HDMI CEC industry standard protocol to share functionality between connected devices and the TV. With Easylink, only one remote control is needed to operate main functionalities on your TV and connected devices. HDMI makes an uncompressed digital RGB connection from the source to the screen for the ultimate picture quality. HDMI uses HDCP copy protection. With 1 HDMI input on the TV you can connect HD sources, for instance an HD set-top box, Blu-ray player and Game Console or Digital Camcorder.

PC input (VGA)

With PC input you can connect your TV to a computer by a VGA cable and use the TV as a PC monitor.

Integrated Digital DVB-T tuner

The integrated Digital DVB-T tuner lets you receive digital cable and terrestrial TV without an additional set top box. Enjoy quality TV clutter free.

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ECO Flower

Over the last 10 years we have worked hard to lower our environmental impact and will continue to do so. Our eco-design process aims to create Philips televisions that are increasingly eco-friendly and that have significantly less impact on the environment. Philips has been awarded the EU ECO label (the flower) on the majority of its models because of the televisions' high energy efficiency, ultra low standby powers (up to 50% less than the required EU ECO label level), absence of hazardous substances (e.g. lead) and the fact that Philips has designed televisions that can be easily recycled.

DIGITAL CRYSTALCLEAR · HD ready · 28.9 billion colors · INCREDIBLE SURROUND · USB · TV PC-IN · DVB T TERRESTRIAL

LCD TV with Digital Crystal Clear
22" HD Ready digital TV

22PFL3404D/12

Specifications

Picture/Display
- Aspect ratio: Widescreen
- Brightness: 350 cd/m²
- Dynamic screen contrast: 5000:1
- Response time (typical): 5 ms
- Viewing angle: 170° (H)/160° (V)
- Diagonal screen size: 22 inch / 56 cm
- Display screen type: LCD WXGA+ Active Matrix TFT
- Panel resolution: 1366 x 768p
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, 3D MA deinterlacing, Active Control, Colour Enhancement, Colour Transient Improvement, Digital Crystal Clear, Digital Noise Reduction, Dynamic contrast enhancement, Luminance Transient Improver, Progressive Scan, Sharpness Adjustment, Automatic skin tone correction, 1080p 24/25/30 Hz processing, 1080p 50/60 Hz processing
- Screen enhancement: Anti-Reflection coated screen

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60 Hz
800 x 600	60 Hz
1024 x 768	60 Hz
1280 x 720	60 Hz
1280 x 768	60 Hz
1280 x 1024	60 Hz
1360 x 768	60 Hz
Via HDMI/DVI input	

- Video formats

Resolution	Refresh rate
480i	60 Hz
480p	60 Hz
576i	50 Hz
576p	50 Hz
720p	50, 60 Hz
1080i	50, 60 Hz
1080p	24, 50, 60 Hz
1080p	24, 25, 30, 50, 60 Hz

Sound
- Output power (RMS): 2 x 5 W
- Sound Enhancement: Auto Volume Leveller, Incredible Surround, Smart Sound
- Sound System: Nicam Stereo

Convenience
- Child Protection: Child Lock+Parental Control
- Clock: Sleep Timer, Wake-up Clock, Wake-Up Timer
- Connection Enhancement: Easy link
- Ease of Installation: Auto Programme Naming, Automatic Channel Install (ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning, Plug and Play
- Ease of Use: Auto Volume Leveller (AVL), Graphical User Interface, On-Screen Display, Settings assistant Wizard, Side Control
- Electronic Programme Guide: Now + Next EPG, 8-day Electronic Programme Guide*
- Picture in Picture: Text dual screen
- Remote Control: TV
- Remote control type: RCPF01E09B
- Screen Format Adjustments: 4:3, Auto Format, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen
- Teletext: 1000-page Hypertext
- Teletext enhancements: Fast text, Programme information Line
- Smart mode: Game, Movie, Personal, Energy saving, Standard, Vivid

Multimedia Applications
- Multimedia connections: USB
- Playback Formats: MP3, Slideshow files (.alb), JPEG Still pictures

Tuner/Reception/Transmission
- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: PAL I, PAL B/G, SECAM B/G, SECAM L/L', DVB COFDM 2K/8K
- Video Playback: NTSC, SECAM, PAL
- DVB: DVB Terrestrial*
- Tuner bands: Hyperband, S-Channel, UHF, VHF

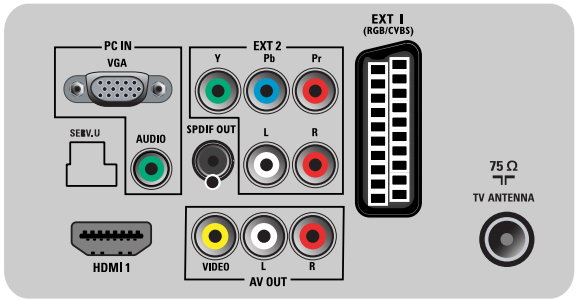
Connectivity
- Ext 1 Scart: Audio L/R, RGB
- Number of Scarts: 1
- Ext 3: YPbPr, Audio L/R in
- Front/Side connections: CVBS in, Audio L/R in, USB 2.0
- Audio Output - Digital: Coaxial (cinch)
- Other connections: Composite video (CVBS) out, Monitor out L/R (Cinch), PC-in VGA + Audio L/R in, S/PDIF out (coaxial), Common Interface
- HDMI 1: HDMI v1.3
- EasyLink (HDMI-CEC): One touch play, System info (menu language), EasyLink, System standby

Power
- Ambient temperature: 5°C to 40°C
- Mains power: 220–240 V, 50 Hz
- Power consumption (typical): 40 W
- Power consumption: 45 W
- Standby power consumption: 0.3 W

Dimensions
- Set dimensions (W x H x D): 541 x 375.3 x 67.8 mm
- Set dimensions with stand (W x H x D): 541 x 417.3 x 150 mm
- Product weight: 5.27 kg
- Product weight (+stand): 5.5 kg
- Box dimensions (W x H x D): 590 x 489 x 162 mm
- Colour cabinet: High gloss black deco front with black cabinet
- VESA wall mount compatible: 100 x 100 mm

Accessories
- Included Accessories: Tabletop stand, Power cord, Quick start guide, User Manual, Warranty certificate, Remote Control, 2 x AAA Batteries, Software declaration

Rear connectors



Side

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